

CLAIMS

What is claimed is:

1 1. A method for managing a database system including one or more database servers,
2 the method comprising the steps of:
3 executing, at a console, an integrated management module configured to manage
4 at least two of the following layers in the database system: a database
5 application layer, a database server layer, an operating system layer, and a
6 hardware layer; and
7 interacting with a user interface provided by said integrated management module
8 to change operational parameters of said at least two layers.

1 2. The method of Claim 1 wherein:
2 the database server layer includes one or more database servers;
3 the operating system layer includes one or more operating systems that reside on
4 machines that are executing said database servers;
5 the integrated management module is configured to manage the one or more
6 database servers and one or more operating systems; and
7 the step of interacting with the user interface provided by said integrated
8 management module changes operational parameters of said one or more
9 database servers and said one or more operating systems.

1 3. The method of Claim 2 wherein:
2 the system includes one or more database clients;

3 said database clients are executing one or more database applications that
4 comprise said database application layer; and
5 said integrated management module is further configured to manage said one or
6 more database applications.

1 4. The method of Claim 2 wherein:
2 at least one hardware subsystem is used to execute said one or more database
3 servers; and
4 said integrated management module is further configured to manage said at least
5 one hardware subsystem.

1 5. The method of Claim 4 wherein said at least one hardware subsystem includes a
2 RAID subsystem managed by said integrated management module.

1 6. The method of Claim 2 wherein:
2 said one or more database servers reside on a local network; and
3 said console does not belong to said local network.

1 7. The method of Claim 6 wherein the console is connected to a wide area network
2 and said local network is connected to said wide area network, wherein said
3 console manages said one or more database servers through messages
4 communicated through said wide area network.

1 8. The method of Claim 6 wherein the console manages said one or more database
2 servers by messages sent over a dial up connection established between said
3 console and said local network.

1 9. The method of Claim 7 wherein said console manages said one or more database
2 servers and said one or more operating systems by changing metadata stored in a
3 centralized repository that resides on a device connected to said wide area
4 network, wherein said metadata includes data that reflects configuration
5 parameters of said one or more database servers and said one or more operating
6 systems, wherein changes made to said metadata in said centralized repository are
7 propagated over said wide area network to devices on said local network.